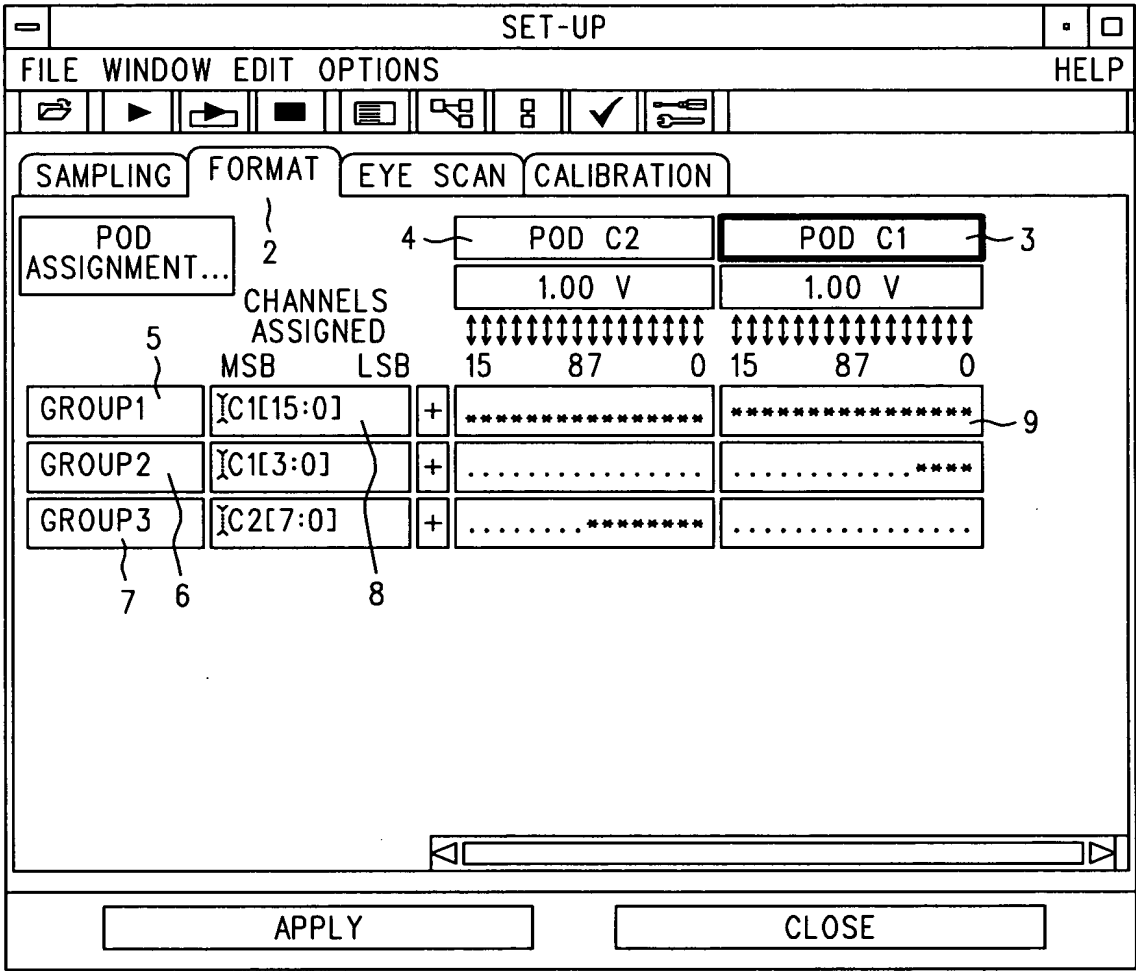


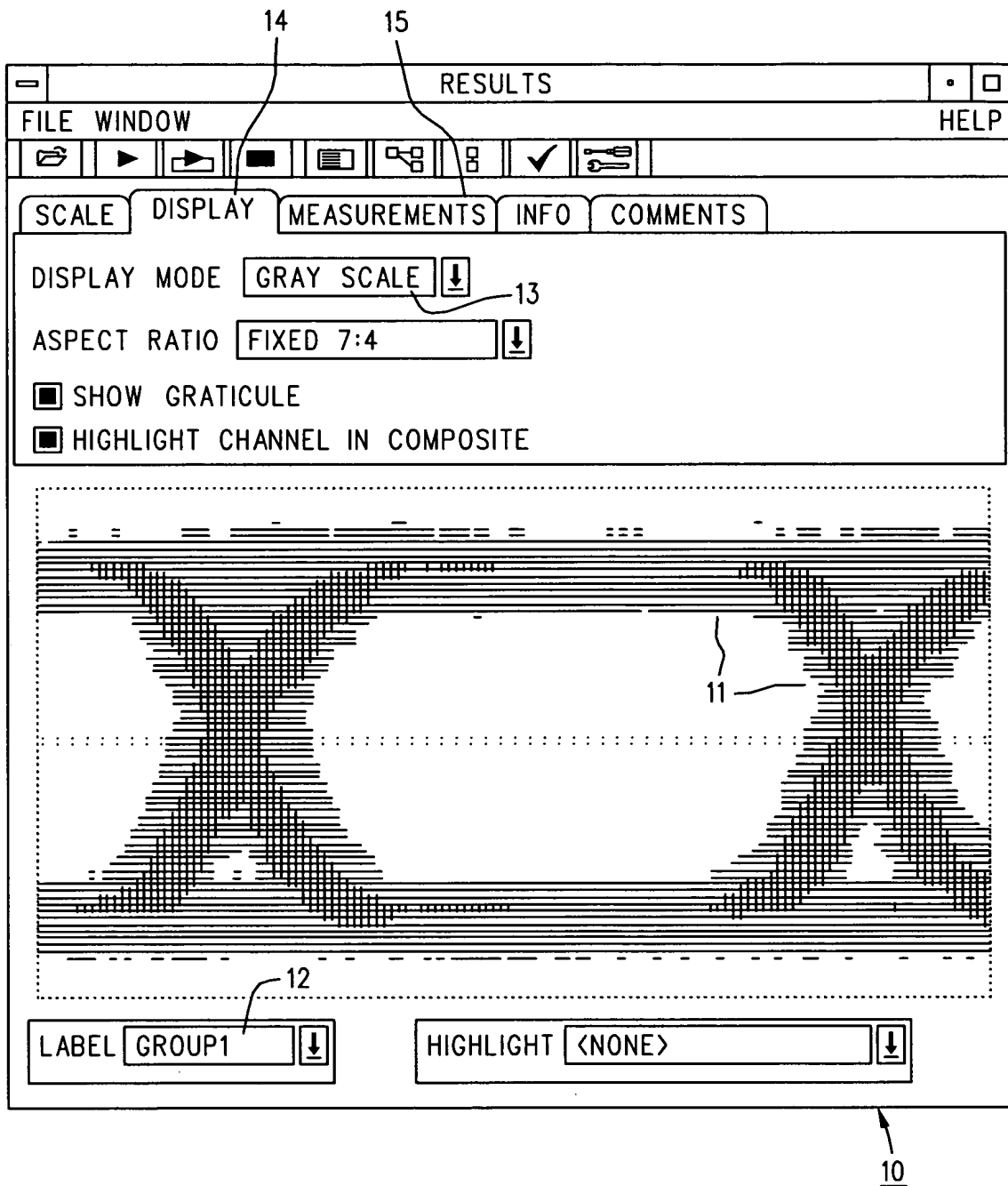
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ASSIGNING CHANNELS TO GROUPS 1-3

FIG. 1
(PRIOR ART)

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A COMPOSITE EYE DIAGRAM FOR GROUP 1

FIG. 2
(PRIOR ART)

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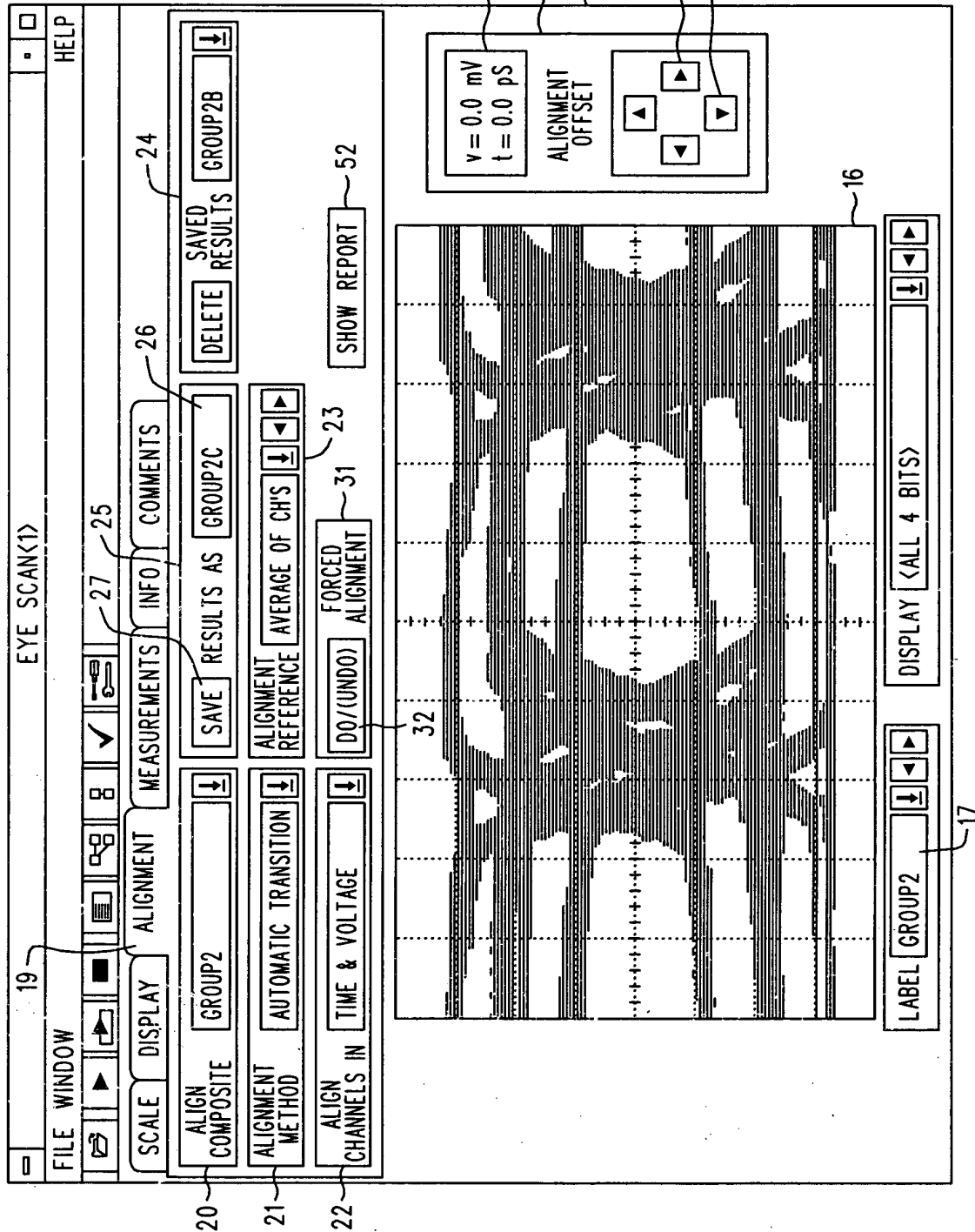


FIG. 3

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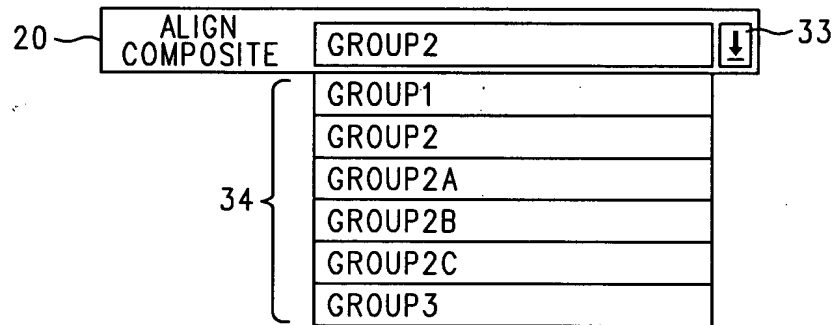


FIG. 4A

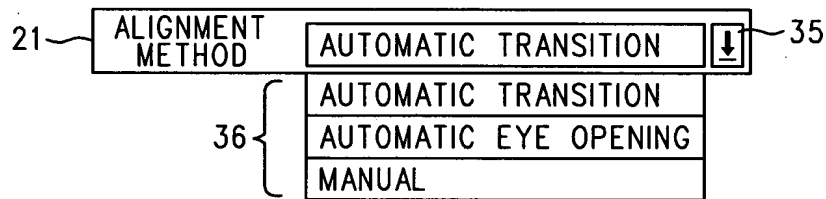


FIG. 4B

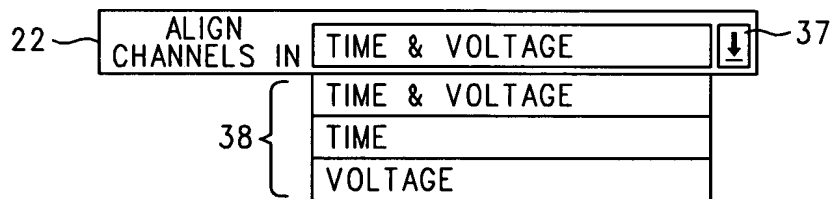


FIG. 4C

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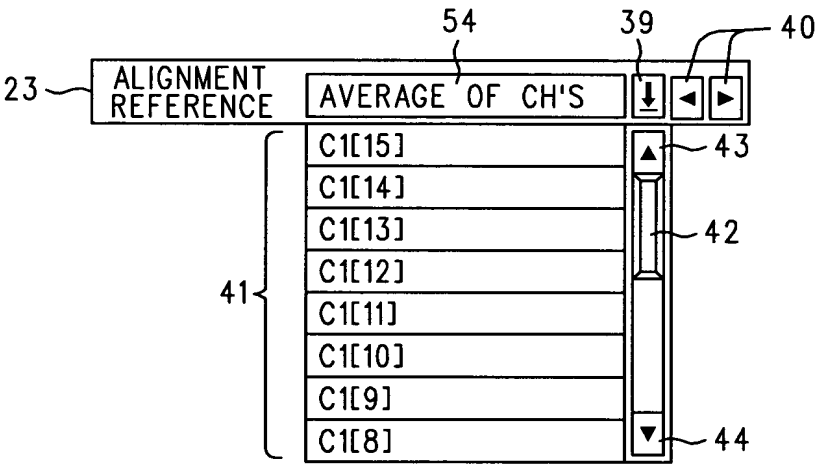


FIG. 4D

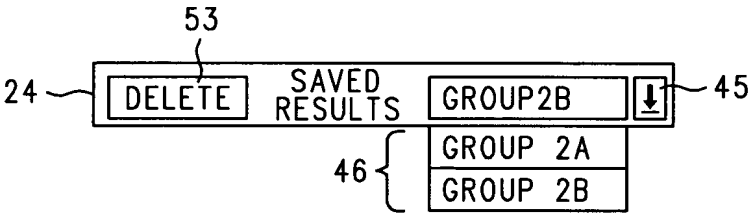


FIG. 4E

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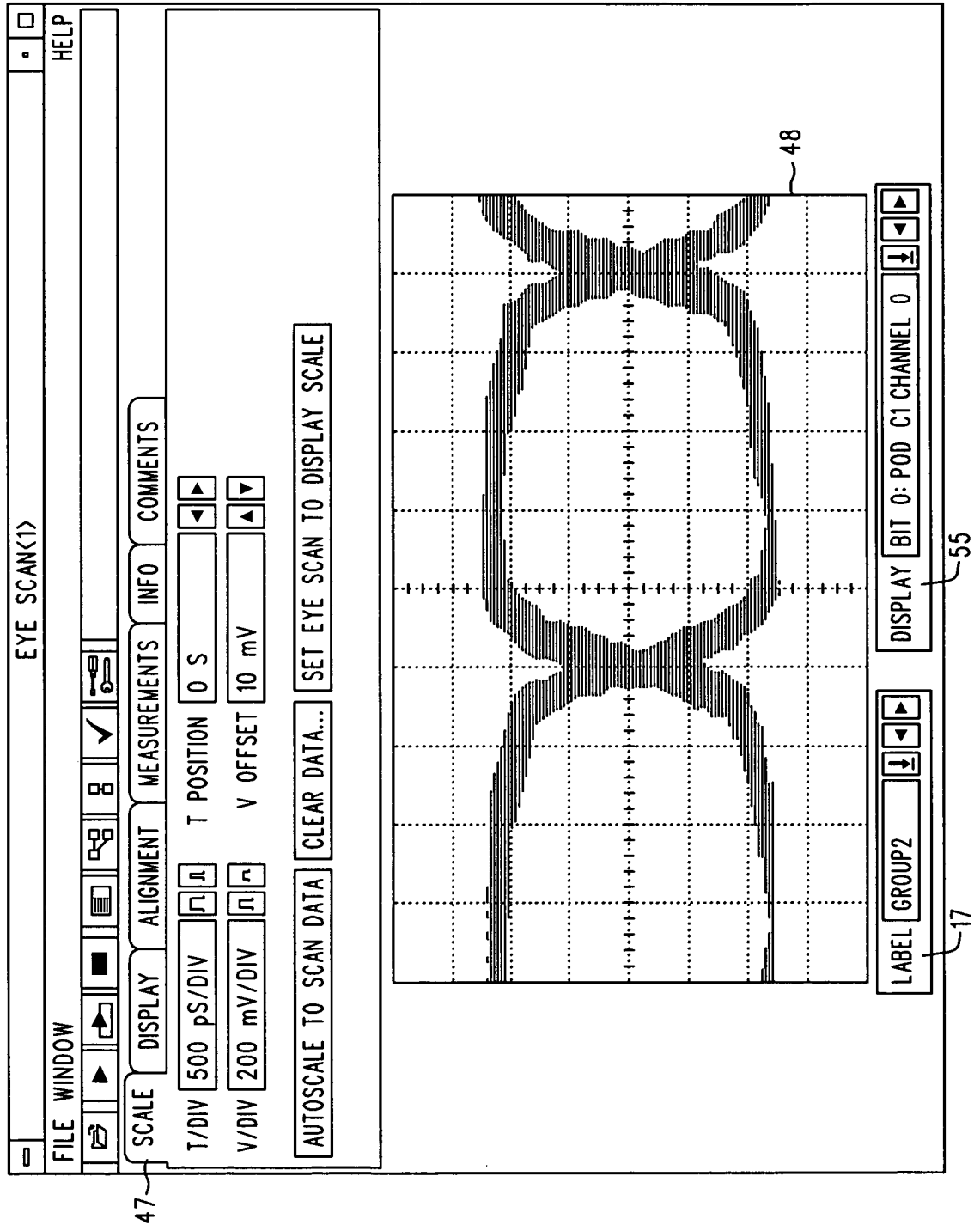


FIG. 5

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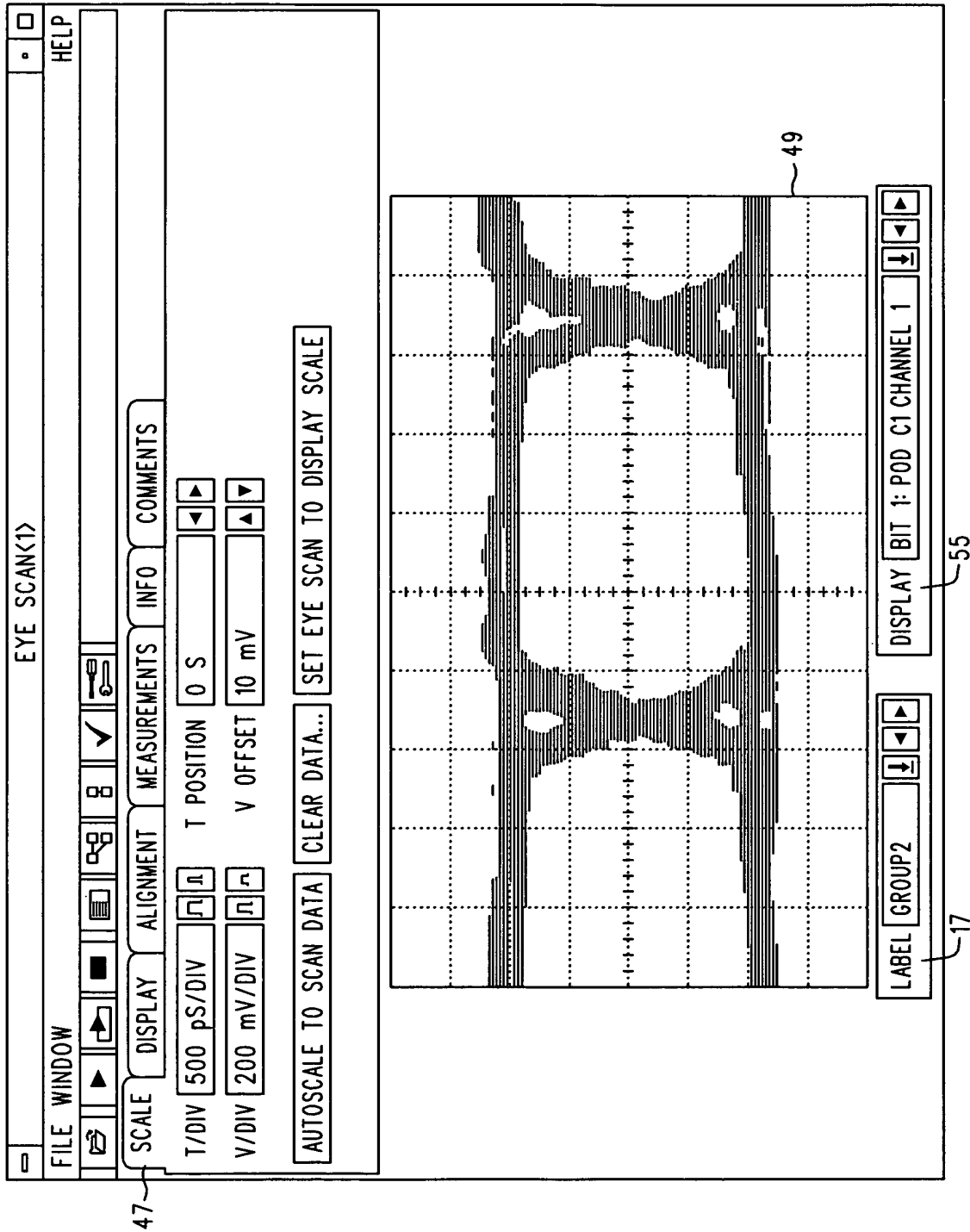


FIG. 6

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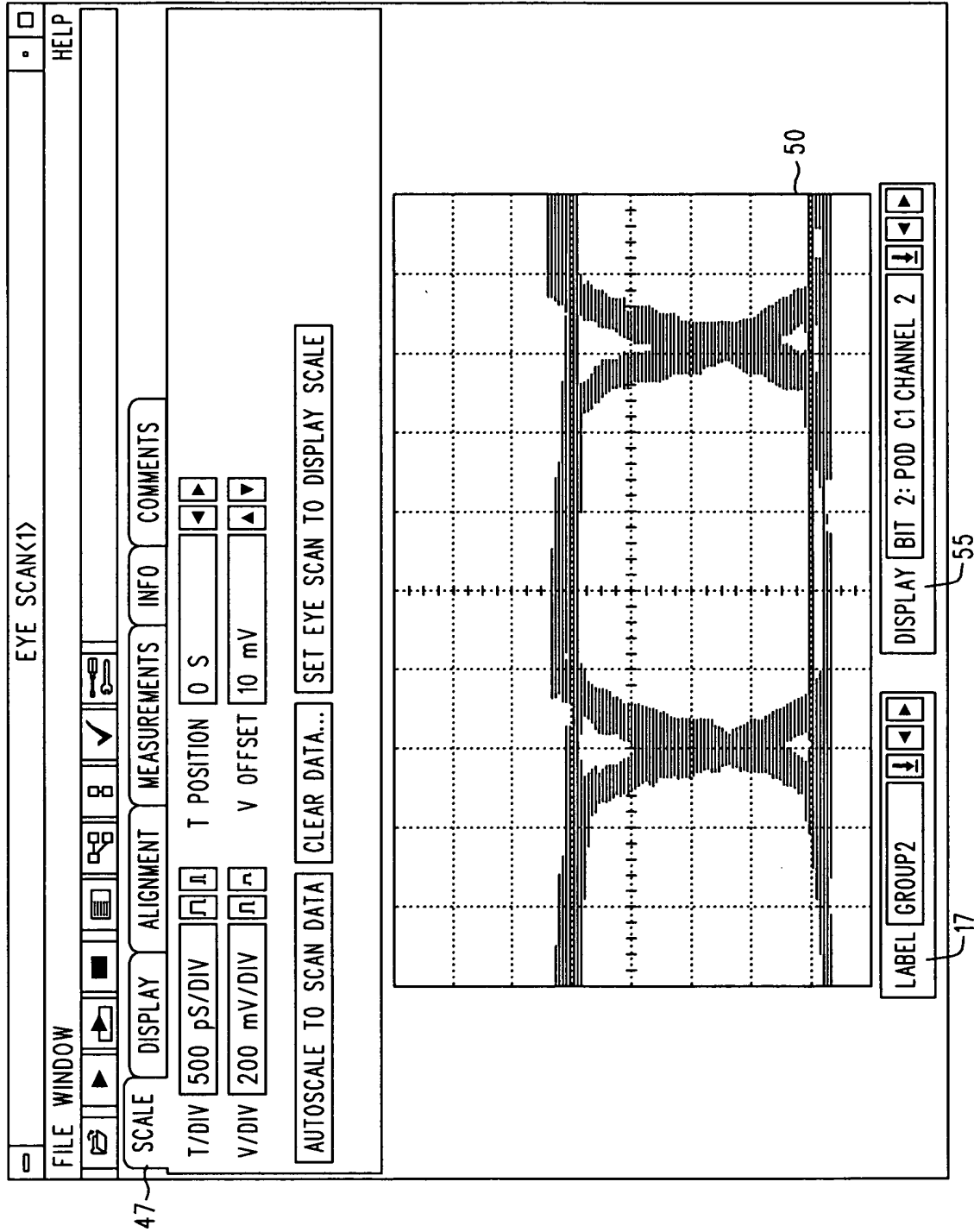


FIG. 7

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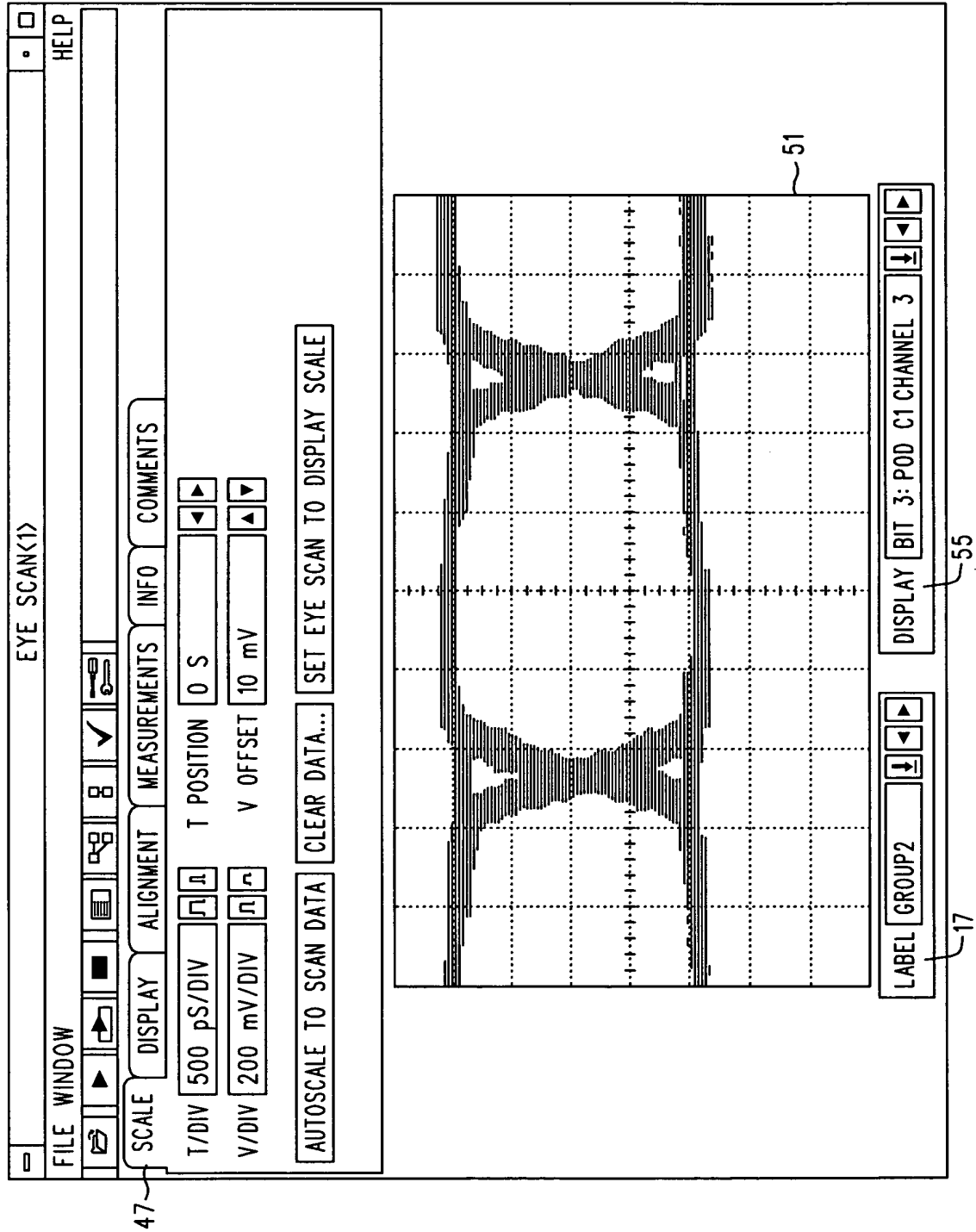


FIG. 8

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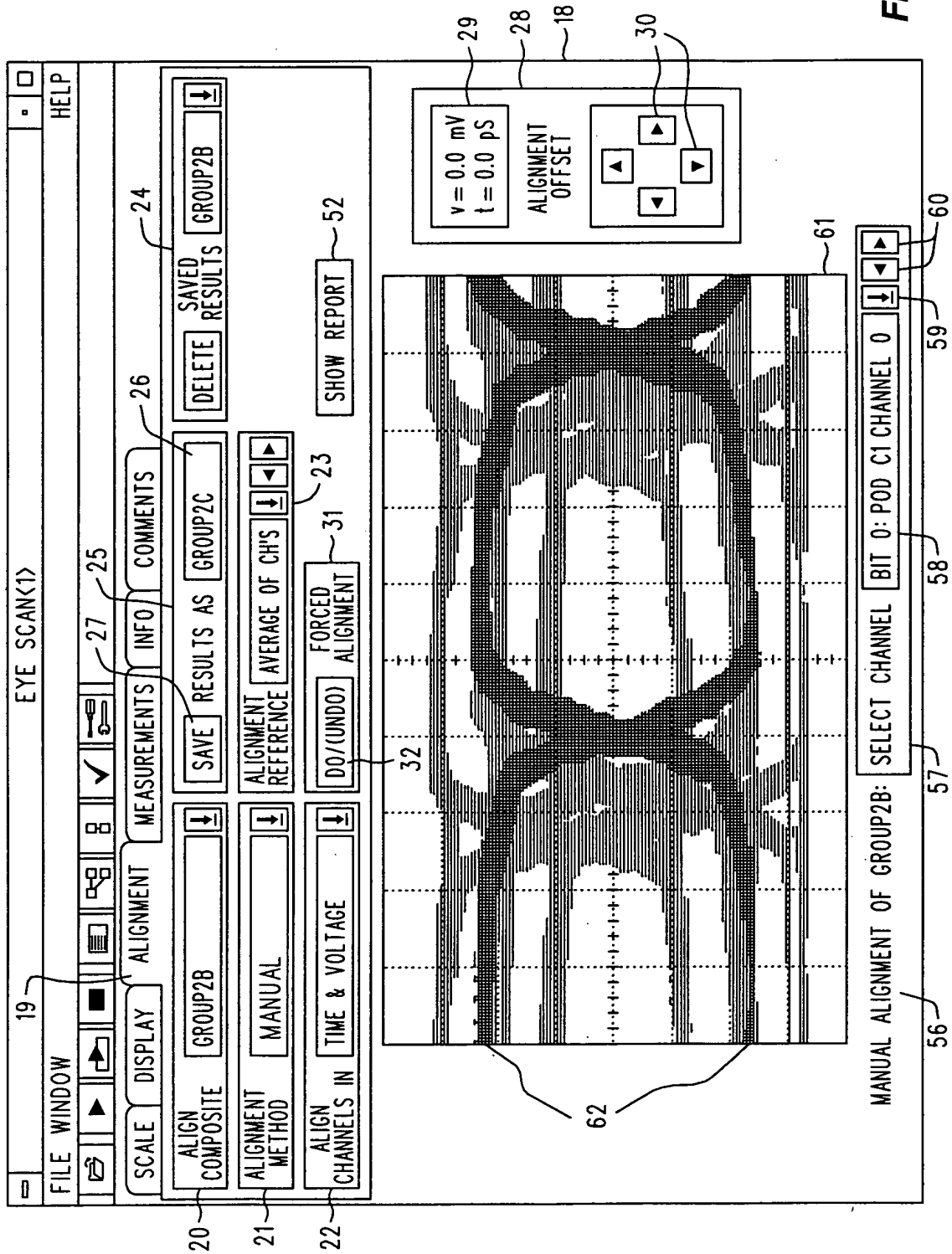


FIG. 9

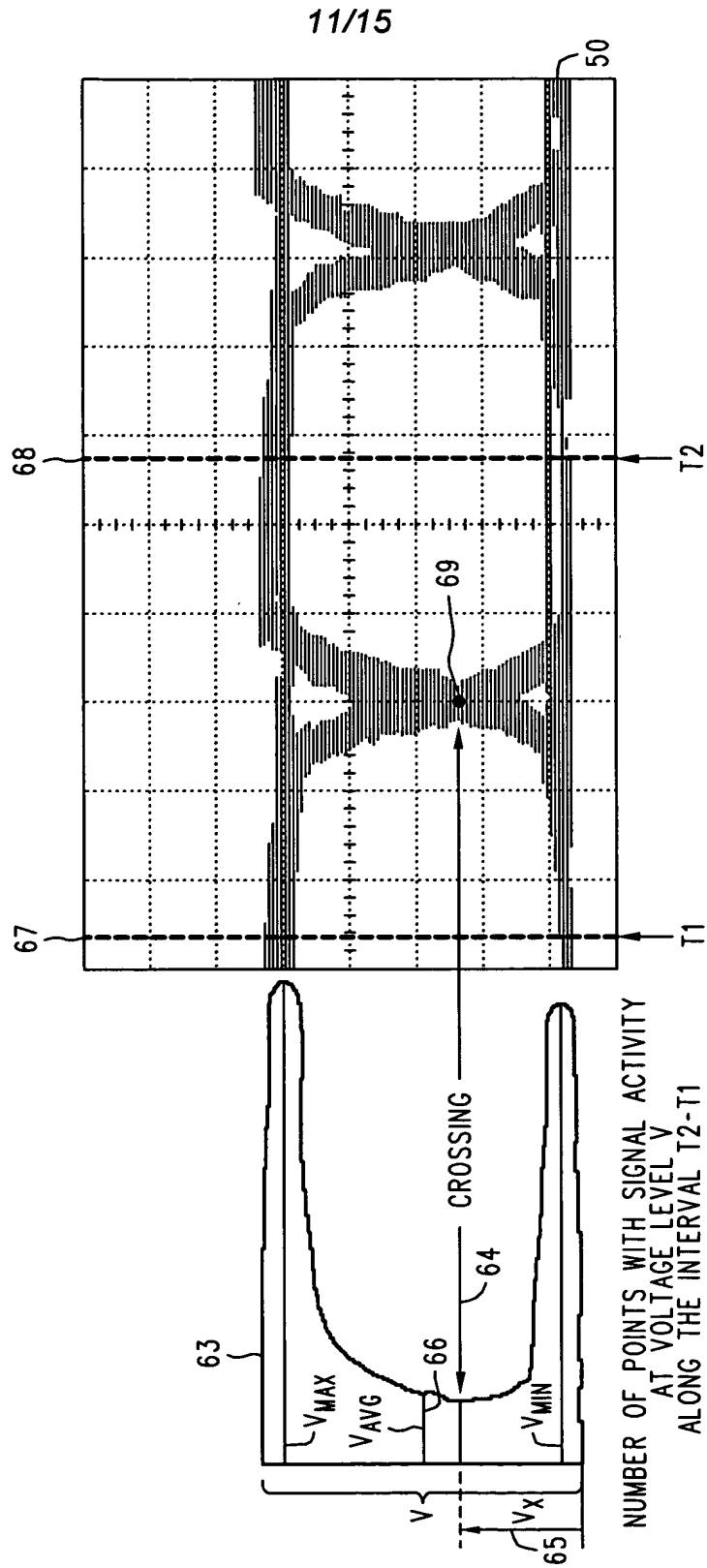


FIG. 10

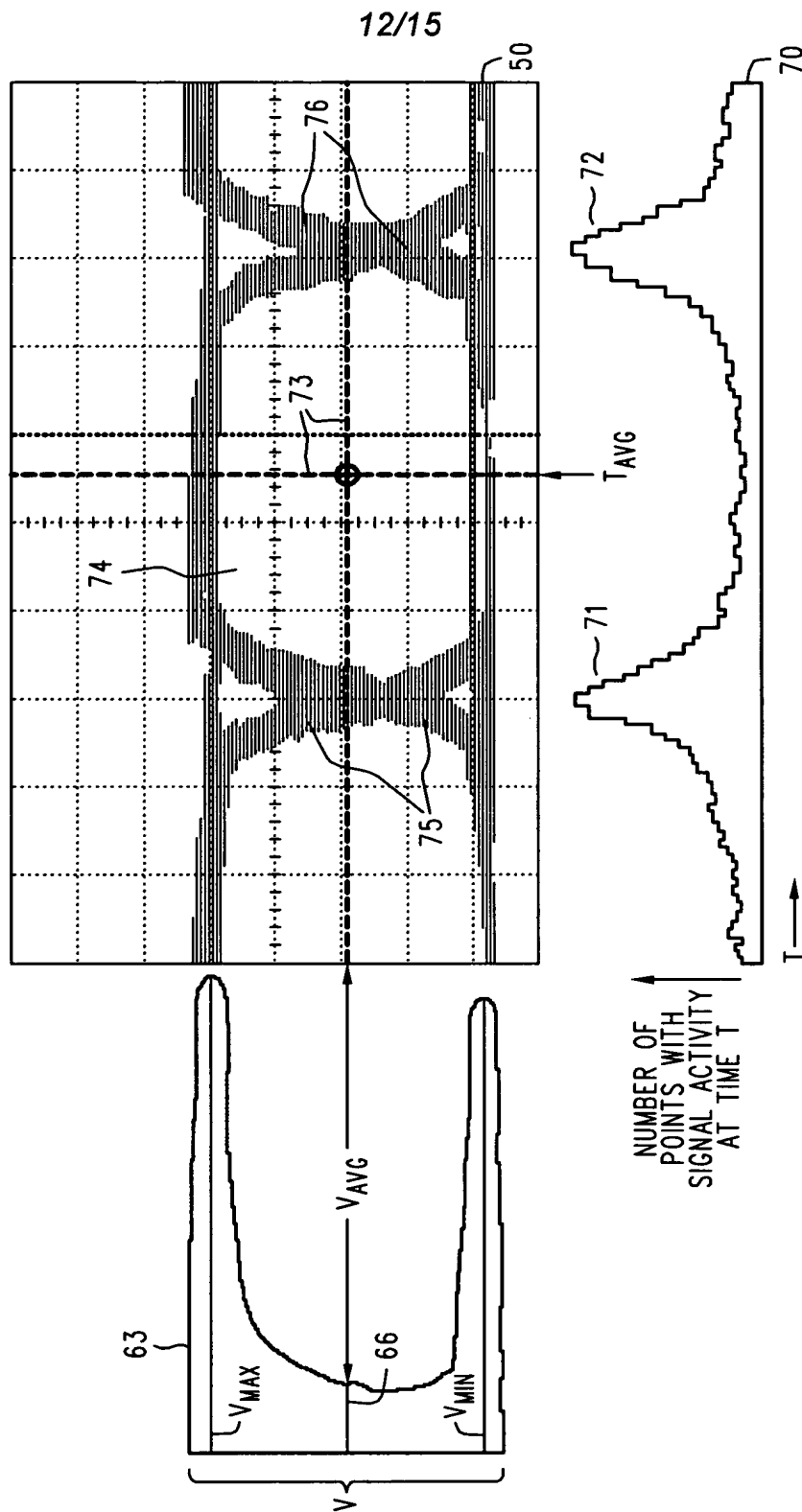


FIG. 11

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FIG. 12

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	ALIGNMENT REFERENCE IN CHANNEL		GROUP REF	OFFSET (RELATIVE TO GROUP REFERENCE)	
	TIME (nSEC)	VOLTAGE (VOLTS)		TIME (nSEC)	VOLTAGE (VOLTS)
GROUP2C:0	-1.85	-0.24		-0.01	0.04
GROUP2C:1	-1.71	-0.28		0.13	-0.01
GROUP2C:2	-1.93	-0.31		-0.09	-0.04
GROUP2C:3	-1.88	-0.27		-0.04	0.01
GROUP2C:AVERAGE	-1.84	-0.28	X	0.00	0.00

GROUP OF CHANNELS

FIG. 13A

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	ALIGNMENT REFERENCE IN CHANNEL		GROUP REF	OFFSET (RELATIVE TO GROUP REFERENCE)	
	TIME (nSEC)	VOLTAGE (VOLTS)		TIME (nSEC)	VOLTAGE (VOLTS)
GROUP4B:GROUP2C	-1.84	-0.28	X	0.00	0.00
GROUP4B:GROUP1B	-1.71	-0.28		0.13	-0.01
GROUP4B:GROUP3B	-1.93	-0.31		-0.09	-0.04
GROUP4B:AVERAGE	-1.37	-0.22		0.47	0.06

GROUP OF GROUPS

FIG. 13B

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	ALIGNMENT REFERENCE IN CHANNEL		GROUP REF	OFFSET (RELATIVE TO GROUP REFERENCE)	
	TIME (nSEC)	VOLTAGE (VOLTS)		TIME (nSEC)	VOLTAGE (VOLTS)
GROUP4C:GROUP2C	-1.84	-0.28		-0.04	-0.01
GROUP4C:GROUP1B	-1.71	-0.28		0.17	-0.01
GROUP4C:GROUP3B	-1.93	-0.31		-0.05	-0.04
GROUP4C:0	-1.88	-0.27	X	0.00	0.00
GROUP4C:AVERAGE	-1.84	-0.28		0.04	-0.01

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GROUP OF BOTH GROUPS AND CHANNELS

FIG. 13C